

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing mast arm pole Traffic Control Signal at the intersection of MD 30 (Hanover Pike) and Eagle Ridge Court/Brodbeck Road in Carroll County due to the construction of MD 30 Relocated (Hampstead Bypass). MD 30 (Hanover Pike) is assumed to run in a north-south direction.

II. INTERSECTION OPERATION

1. The Intersection shall continue to operate in a NEMA six (6) phase, full-traffic-actuated mode, with the MD 30 (Hanover Pike) through movements operating concurrently. Exclusive/permisive left turn phases shall continue to be provided for both approaches of MD 30. The Eagle Ridge Court/Brodbeck Road approaches shall continue to run concurrently.
2. The existing controller shall continue to be used at this location.
3. Video camera presence detection shall continue to be used for all approaches.

III. SPECIAL NOTES

1. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.
2. Traffic signal hardware installed and put into operation during Maintenance of Traffic.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY SHA AND INSTALLED BY THE CONTRACTOR.

NONE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CATEGORY CODE	QUANTITY	DESCRIPTION
800000	2 EA	ADJUST VIDEO DETECTION ZONE
801706	15 SF	REMOVE SIGNS FROM EXISTING OVERHEAD STRUCTURE
860265	4 EA	RELOCATE EXISTING SIGNAL HEAD

PHASING

PHASE 1 & 5	R	R	R	R	R	R	R	R	R	R
I & 5 CHANGES TO PHASE 1 & 6 OR PHASE 2 & 5 OR PHASE 2 & 6										
PHASE 1 & 6	G	G	G	R	R	R	R	R	R	R
I CHANGE	G	G	G	R	R	R	R	R	R	R
PHASE 2 & 5	R	R	R	G	G	G	R	R	R	R
5 CHANGE	R	R	R	G	G	G	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R

CONTACT LIST

The contact persons for District #7 are as follows:

Mr. John Concannon  
Assistant District Engineer-Traffic  
301-624-8140

Ms. Andrea Abend  
Assistant District Engineer-Utilities  
301-624-8115

Mr. Eric Eckhardt  
Assistant District Engineer-Construction  
301-624-8201

Mr. Ray Johnson  
Assistant District Engineer-Maintenance  
301-624-8105

Mr. Richard L. Daff  
Chief, Traffic Operations Division  
410-787-7630

Mr. Edward Rodenhizer  
Chief, SHA Traffic Signal Shop  
410-787-7650

The Power Company Representative is:  
Baltimore Gas and Electric Company  
Mr. Bernie Thuman  
7317 Parkway Drive South  
Hanover, MD 21076  
410-859-9030

The Project Manager for MD 30 Relocated is:  
Corman Construction, Inc.  
Mr. Scott Szympruch  
443-508-4370

WIRING DIAGRAM

NO CHANGE TO EXISTING WIRING

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 30 RELOCATED  
FROM SOUTH OF WOLF HILL DRIVE TO NORTH OF HAMPSTEAD  
MD 30 AT EAGLE RIDGE CT/BRODBECK ROAD

TRAFFIC SIGNAL - GENERAL INFORMATION

SCALE	NONE	DATE	08/2007	CONTRACT NO.	CL4165370
DESIGNED BY	DSU	COUNTY	CARROLL		
DRAWN BY	JEH	LOGMILE	06003000.70-063004.30		
CHECKED BY	DSU	T.I.M.S. NO.	D720		
F.A.P. NO.	ACHP-2921(00)N.AC-NH-107-1(9)N	TOD NO.			
TS NO.	3989B-GI	DRAWING	SG-19 OF 19	SHEET NO.	31 OF 82